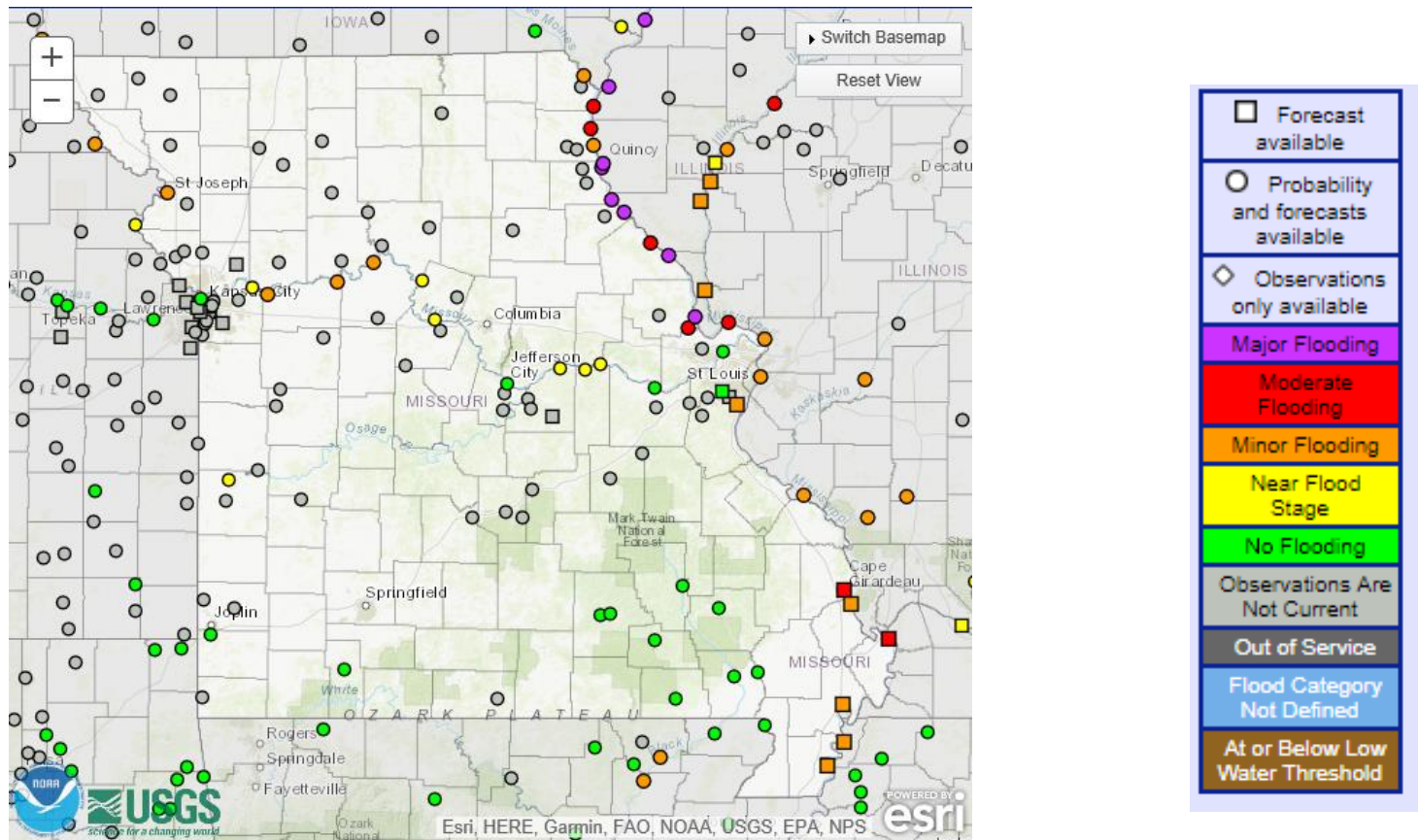


# Mississippi River Flooding Status

- Wide spread precipitation remains in the forecast for the upper Mississippi River basin including significant amounts in Illinois and Missouri. This rainfall is forecast to cause the Mississippi River to rise back into major flood stage in some locations on the Mississippi River in northeast Missouri.
- Forecasts for the Mississippi River are currently incorporating only 24-hour future precipitation for most river forecast locations. With continued precipitation predicted, higher stages may occur as the models incorporate updated precipitation events.
- Below the mouth of the Missouri River (at St. Louis) the Mississippi River still has increased capacity and is predicted to continue to recede with several gages predicted to remain below major flood levels at least until the middle of next week when significant precipitation in Missouri and Illinois may cause additional rises on the river.
- River levels this spring are now being dictated by regional precipitation events and residual soil moisture. Flooding on the Mississippi River earlier this spring was primarily driven by melting snowpack. Today snow is accumulating in the far northern portions of the Mississippi and Missouri river basins however only an or two of snow water equivalent is expected (see maps below).
- The Ohio River gage at Cairo (at the confluence of the Ohio and Mississippi Rivers) is in moderate flood stage at 48.4 and is forecast to continue receding.

# Missouri Water Resources Center

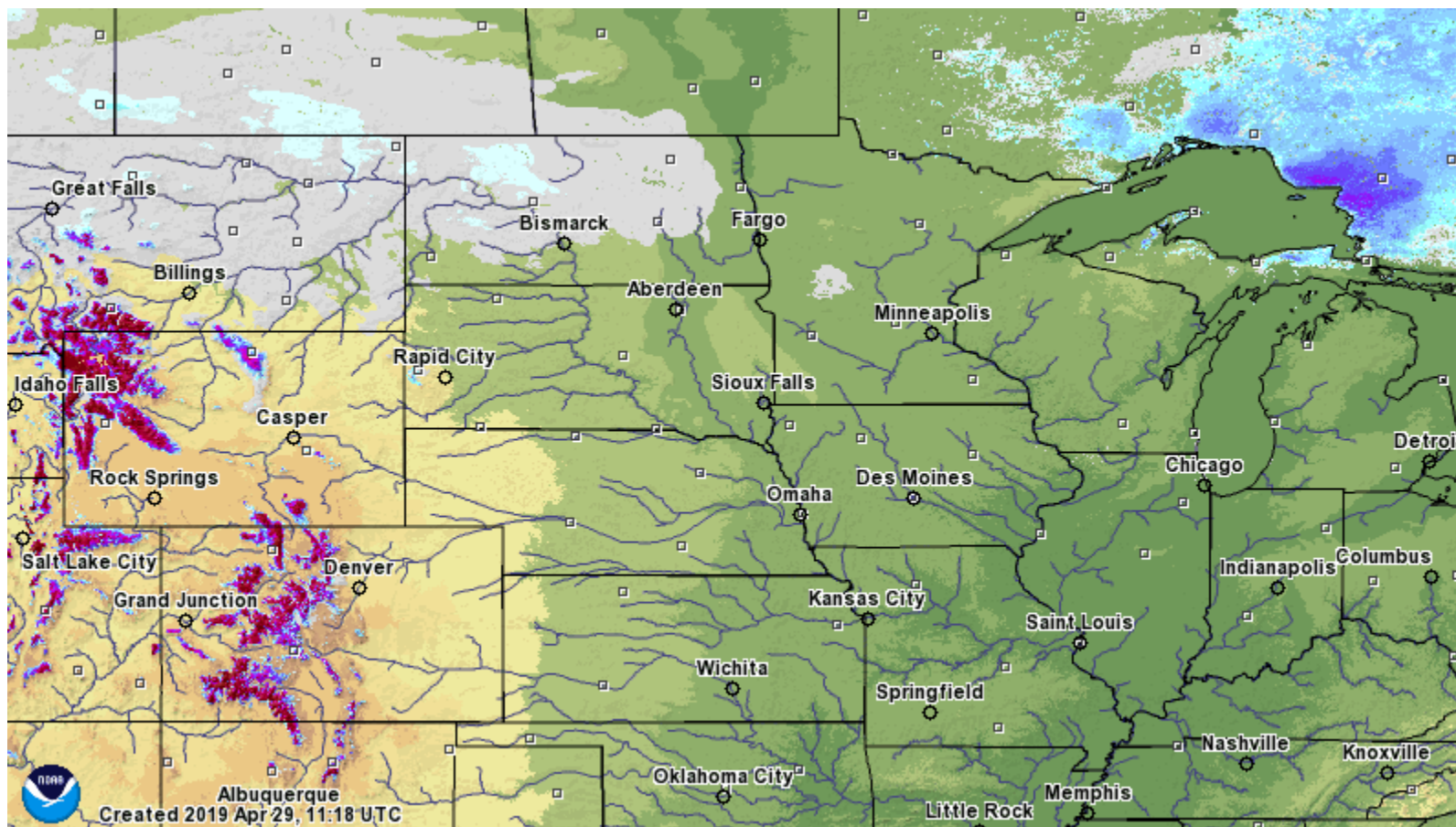
## Mississippi River Flood Conditions Report April 29, 2019





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NATURAL RESOURCES

## Modeled Snow Water Equivalent for April 29, 6:00 UTC

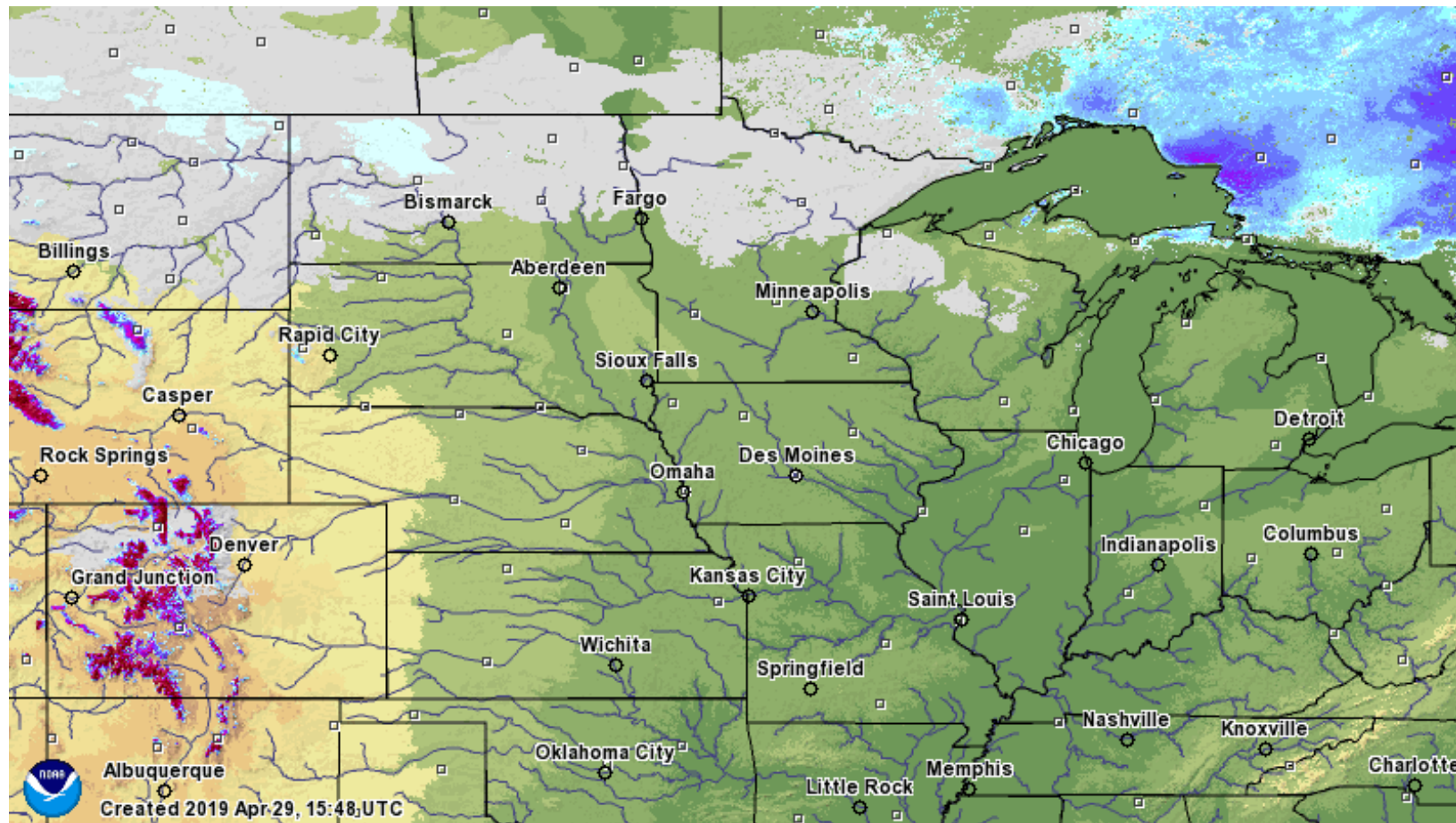




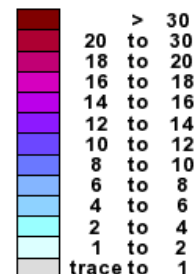


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## Modeled Snow Water Equivalent Forecast for 2019 April 29, 17:00 UTC



Inches of  
water  
equivalent



Not Estimated

Elevation in feet





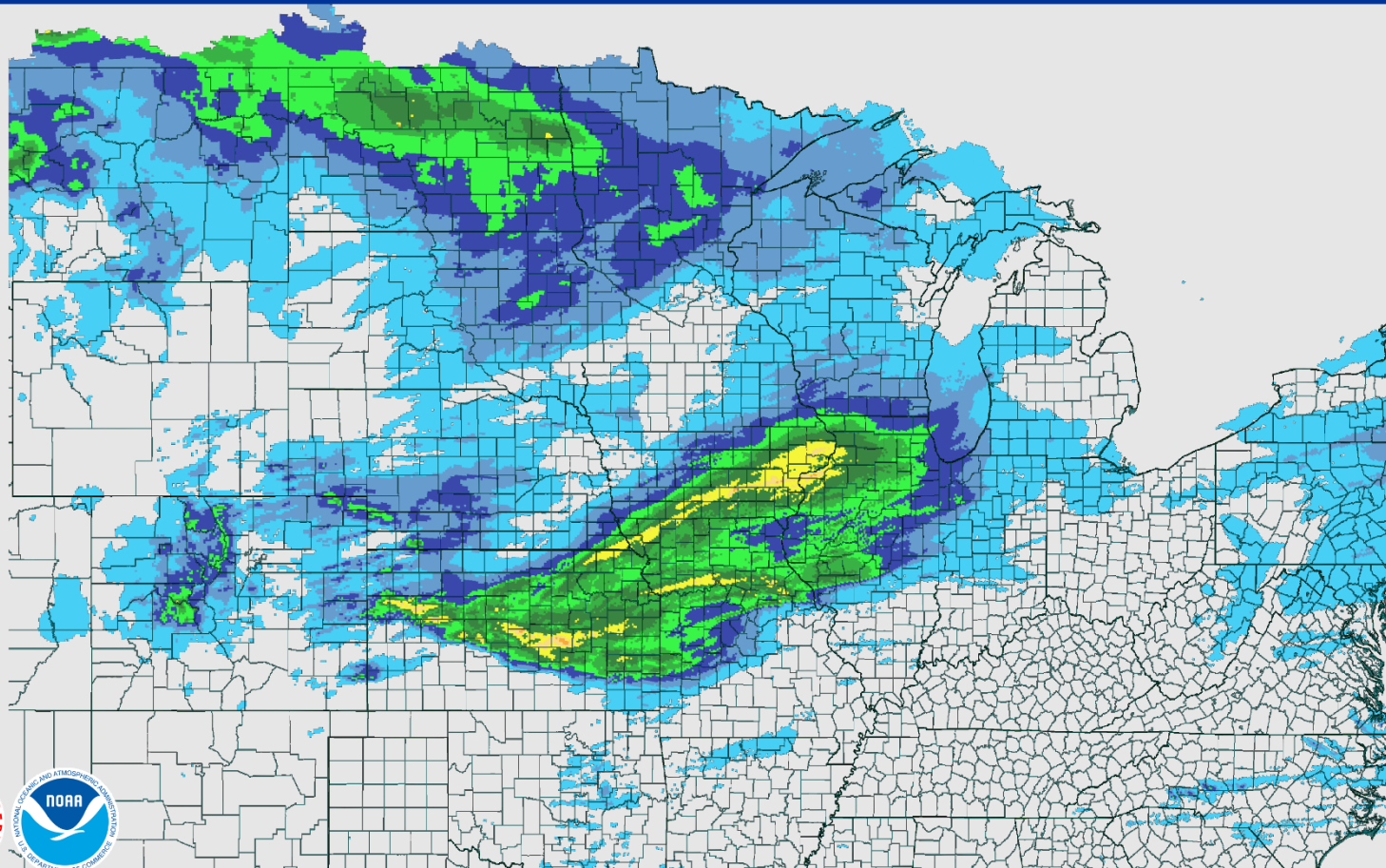
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# 24-hour Observed Precipitation

April 29, 2019 1-Day Observed Precipitation

Created on: April 29, 2019 - 15:05 UTC

Valid on: April 29, 2019 12:00 UTC



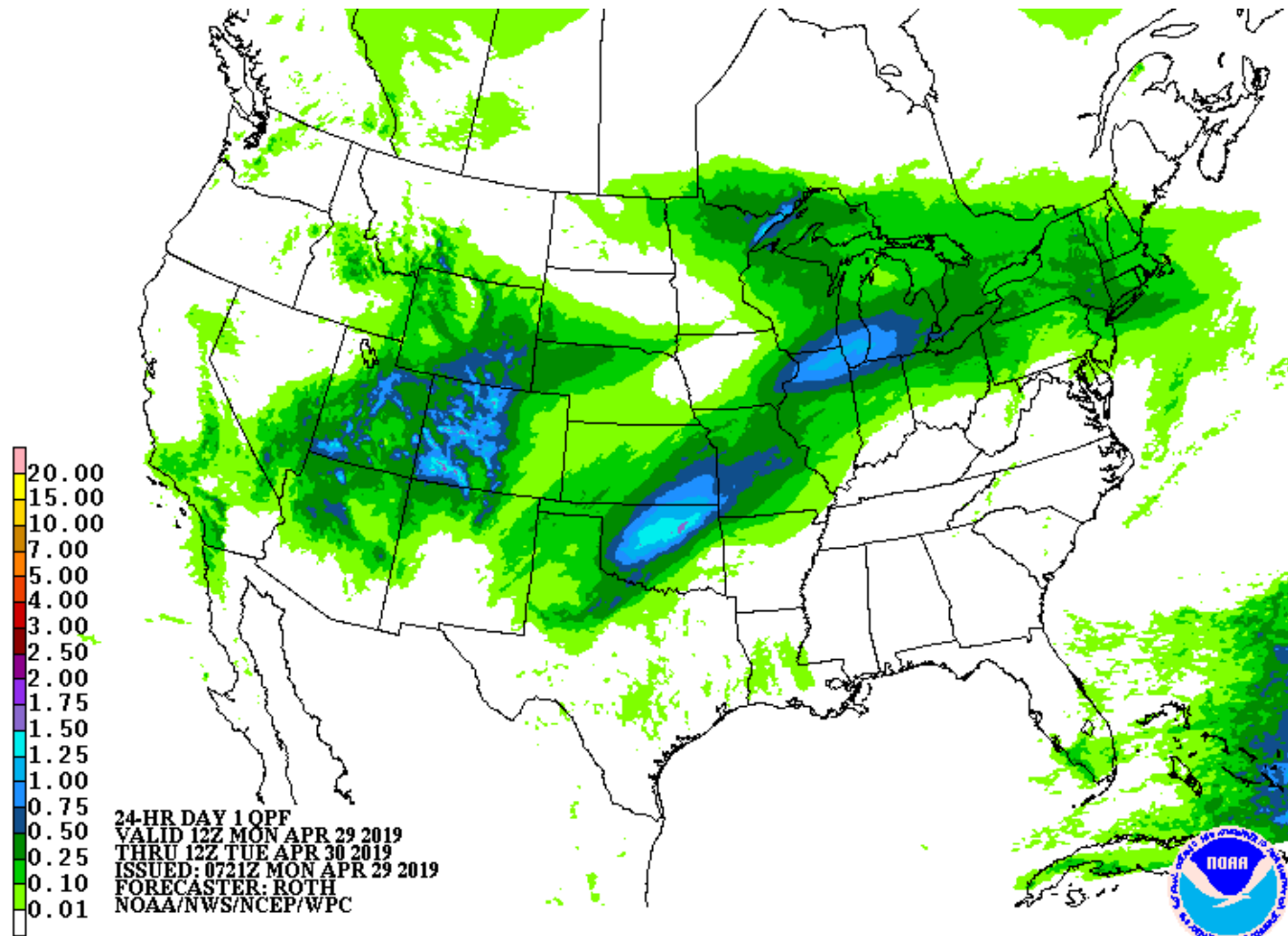
10  
8.0  
6.0  
5.0  
4.0  
3.0  
2.5  
2.0  
1.5  
1.0  
.75  
.50  
.25  
.10  
.01  
?





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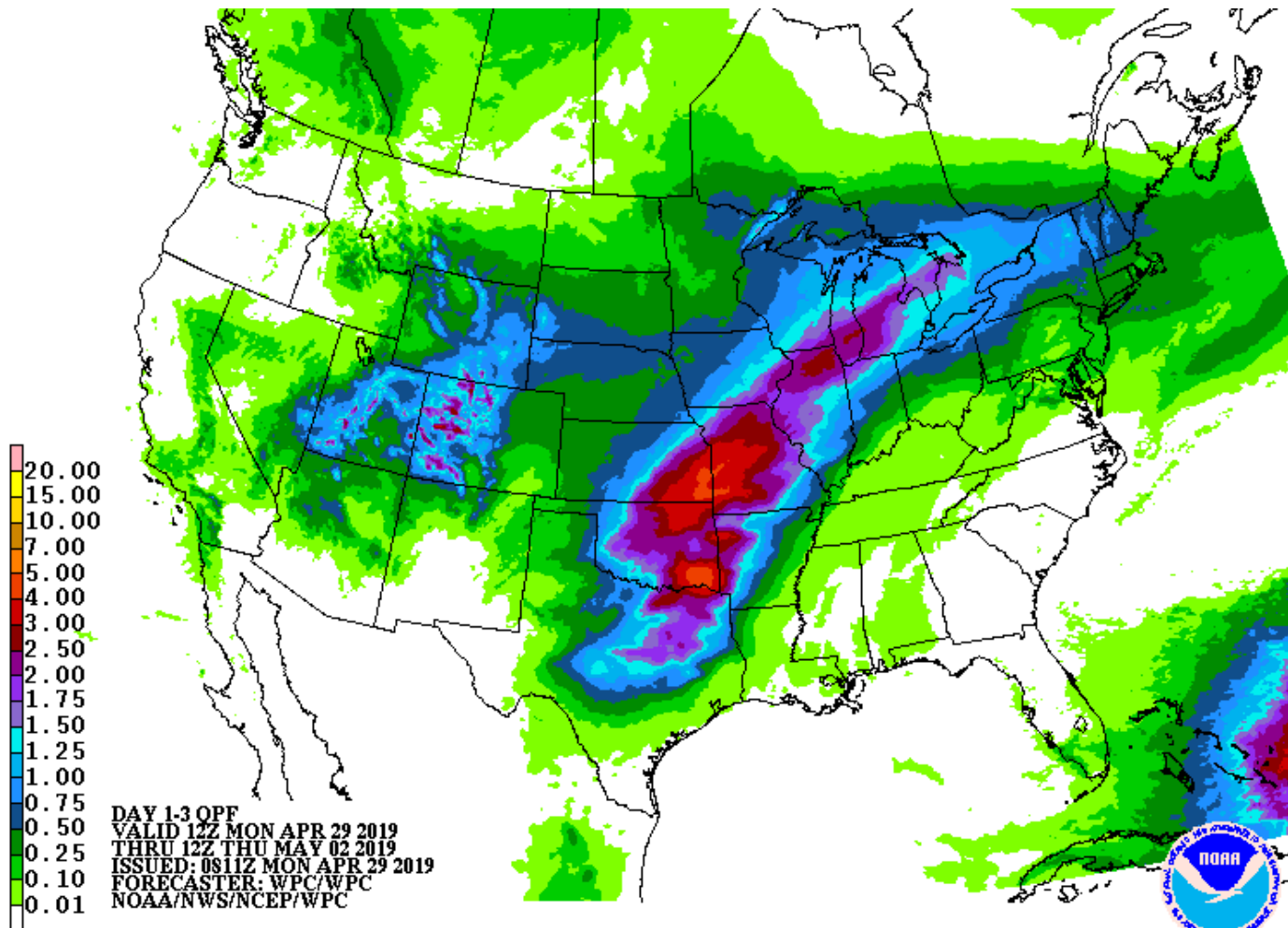
## 1-Day Total Quantitative Precipitation Forecast (QPF)





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## 3-Day Total Quantitative Precipitation Forecast (QPF)

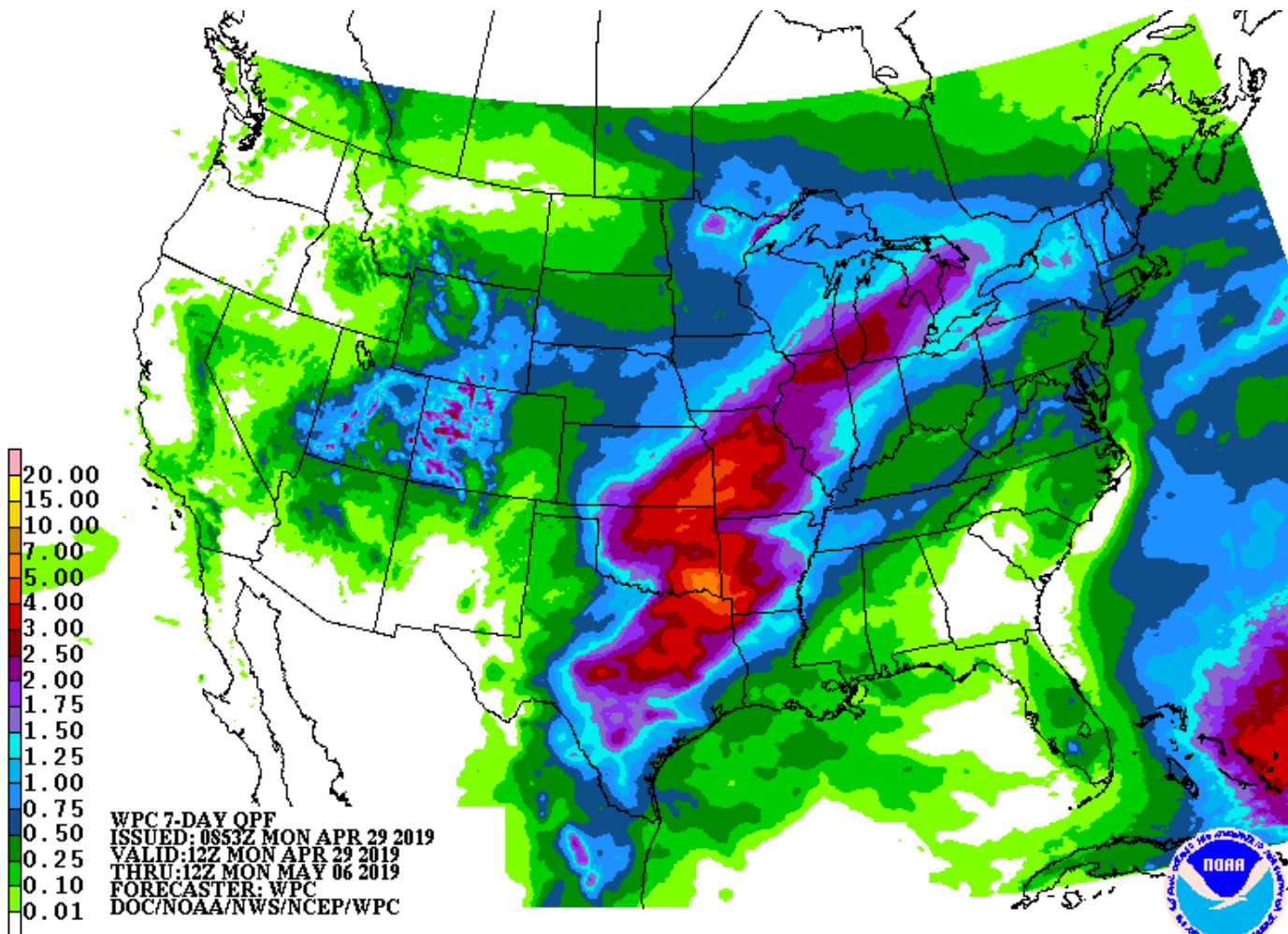






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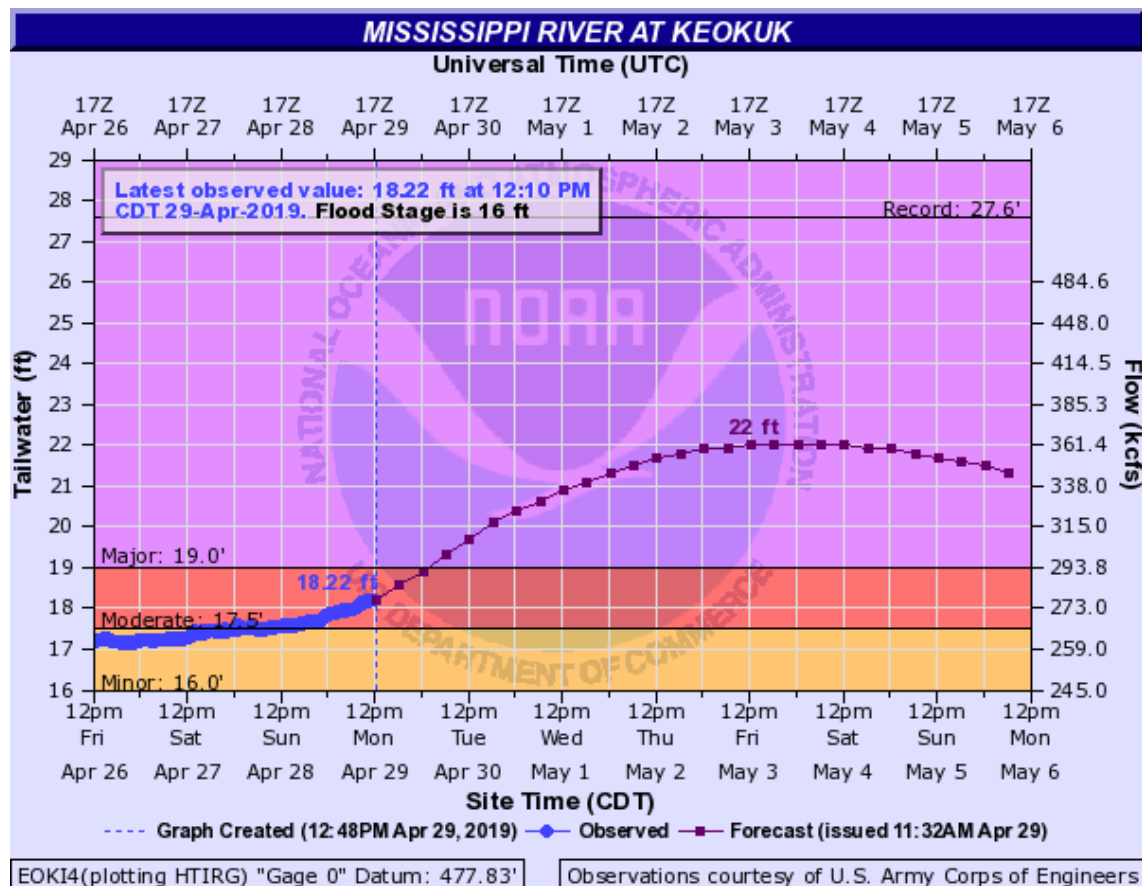
## 7-Day Total Quantitative Precipitation Forecast (QPF)







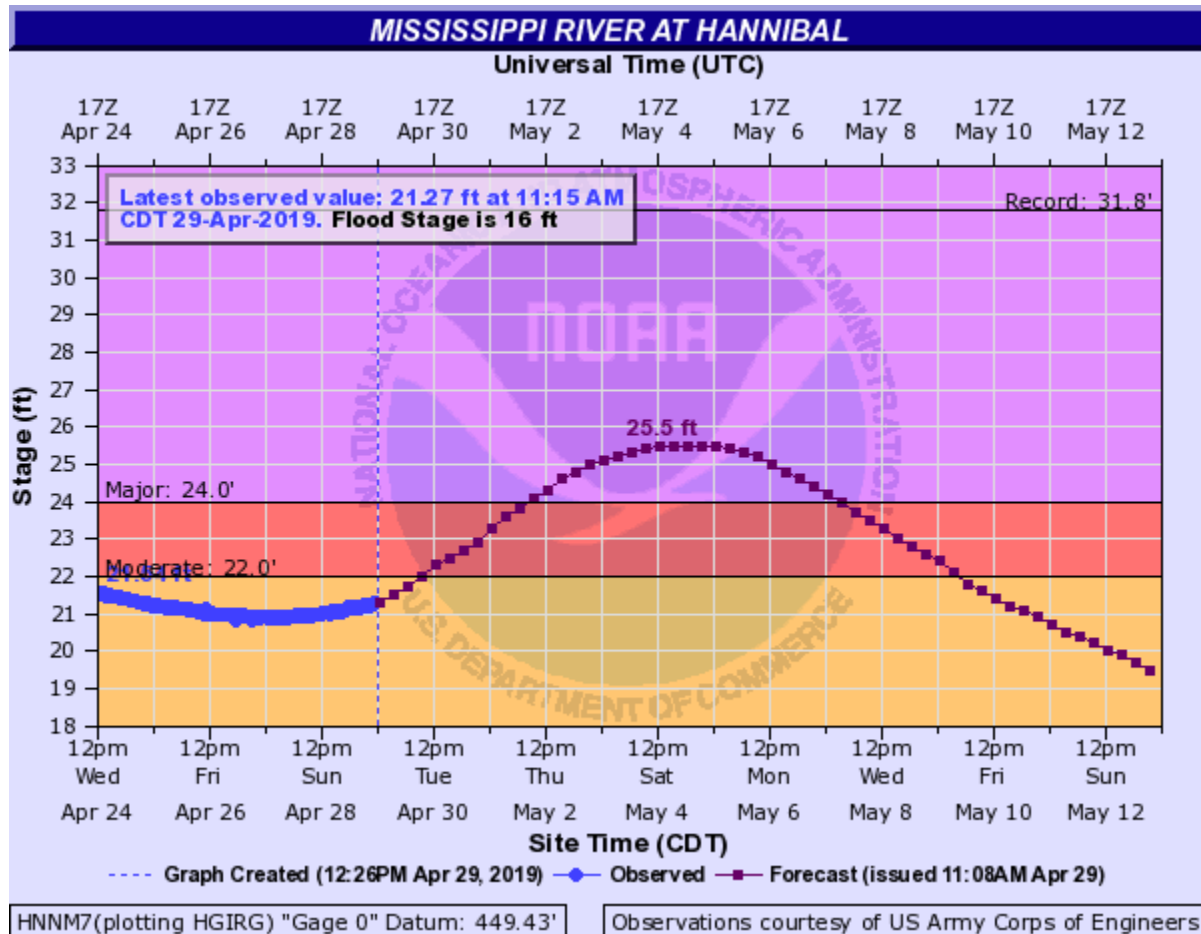
# MISSOURI DEPARTMENT OF NATURAL RESOURCES



- The Mississippi River at Keokuk has risen to moderate flood stage and is expected to reach major flood stage late tonight cresting at 22 feet Friday.
- At Keokuk, the river levels of 22 feet the Warsaw water treatment plant is effected.



# MISSOURI DEPARTMENT OF NATURAL RESOURCES



- The Mississippi River at Hannibal is in minor flood stage and is expected to rise into major flood stage Thursday cresting at 25.5 feet Saturday.
- At 25.1 feet Highway 79 closes from south of Hannibal to Missouri Route N.



# MISSOURI

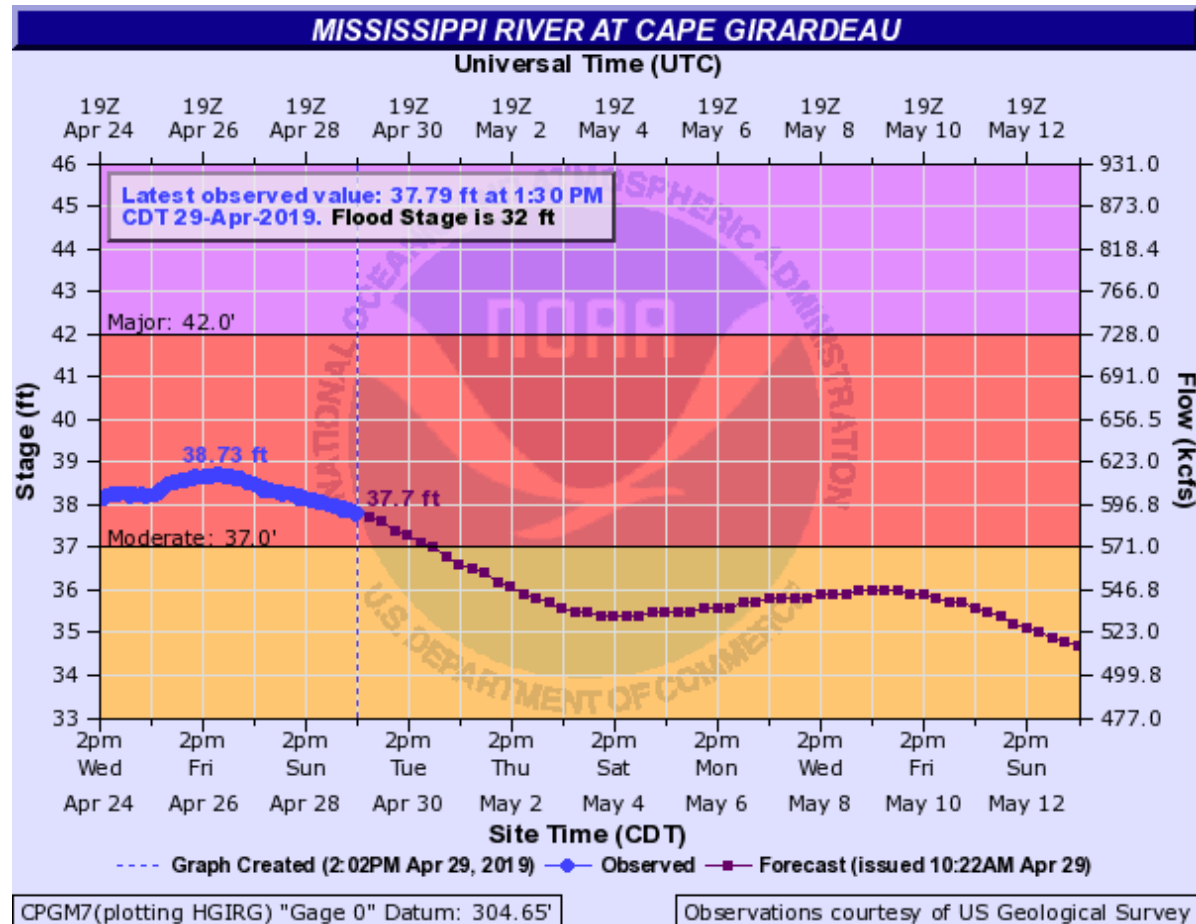
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- The Mississippi River at St. Louis is in minor flood stage at 30.6 feet and is expected to begin rising Wednesday cresting at 32.3 Sunday in minor flood stage.



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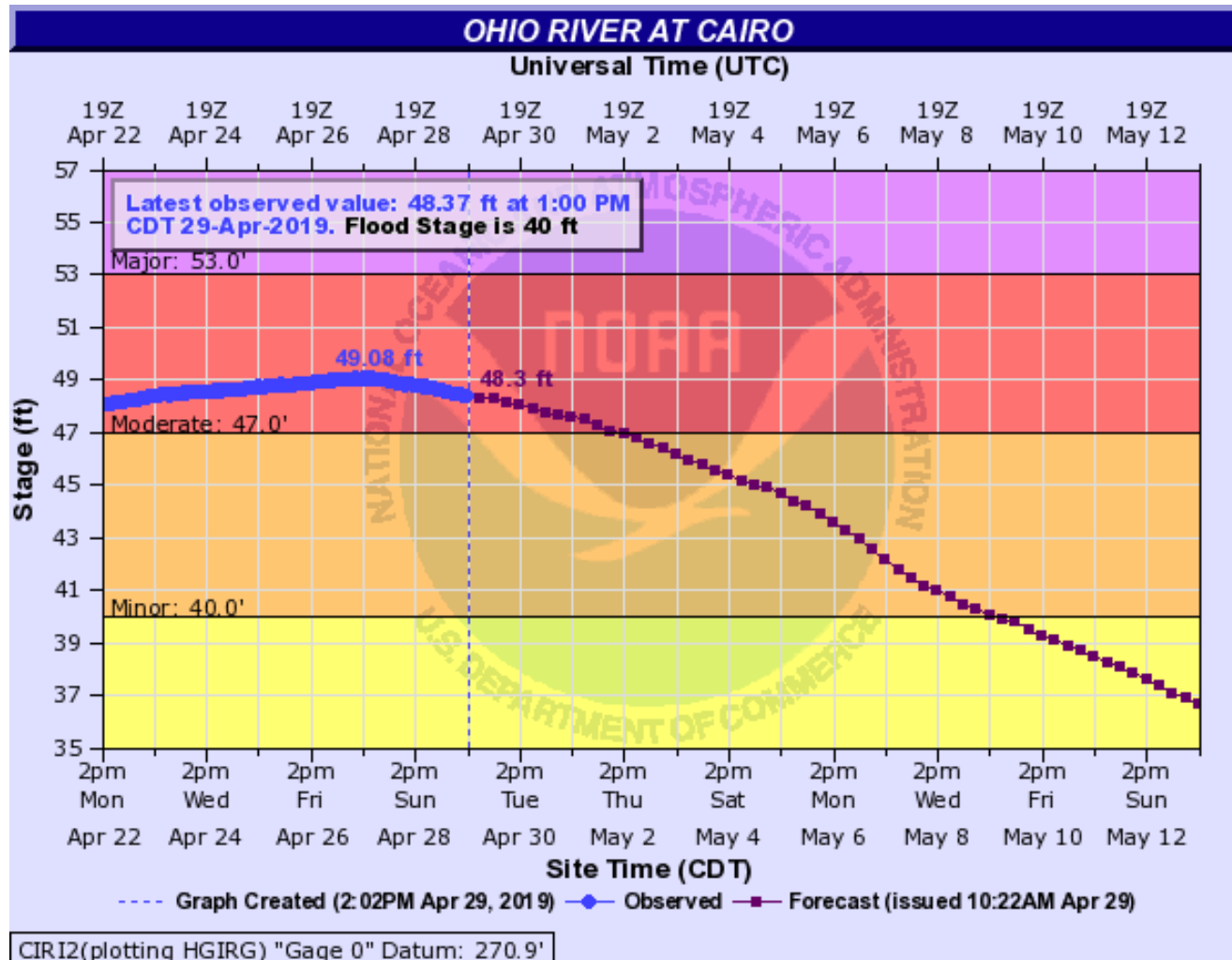


- The Mississippi River at Cape Girardeau is in moderate flood stage at 38.8 feet and is expected to continue receding.
- At Cape Girardeau at 36 feet the flood gage at Themis Street closes and at 38 feet the flood gate at Broadway Street closes.





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- The Ohio River (at the confluence with the Mississippi River) at Cairo, Illinois is in moderate flood stage at 48.3 feet and receding.

# Resources for Further Information

- Department of Natural Resources Flood Page:  
<https://dnr.mo.gov/flood>
- National Weather Service – Mississippi River Flooding:  
<https://www.weather.gov/dvn/MississippiRiverOutlook>
- National Weather Service – River Forecasts, Missouri Basin:  
[https://www.weather.gov/dvn/River\\_Levels#Top](https://www.weather.gov/dvn/River_Levels#Top)
- Missouri Water Resources Center – Mississippi River Informational Page: [https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi\\_river.htm](https://dnr.mo.gov/geology/wrc/interstate-waters/mississippi_river.htm)